

ABSTRACT

The present invention relates to a biocatalyst displayed on spore or virus surface and a method of bioconversion using the same, in particular to a method of bioconversion using a biocatalyst, which comprises the steps of: (a) preparing a vector for spore surface display comprising a gene construct containing a gene encoding a display motif and a gene encoding the biocatalyst, wherein, when expressed, the gene construct expresses the display motif and the biocatalyst in a fusion form and the biocatalyst is displayed on a spore surface; (b) transforming a host cell with the vector for spore surface display; (c) displaying the biocatalyst on the spore surface of the host cell; (d) recovering the spore displaying on its surface the biocatalyst; and (e) performing the bioconversion reaction using the spore displaying on its surface the biocatalyst, and a biocatalyst.

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AMENDMENTS TO THE ABSTRACT:

Please insert the attached abstract after the claims.